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## RAW SEQUENCE LISTING

DATE: 07/21/2004

PATENT APPLICATION: US/10/714,820A

TIME: 10:41:09

Input Set : D:\SONN043.txt

Output Set: N:\CRF4\07212004\J714820A.raw

**ENTERED**

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3 <110> APPLICANT: BERENYI, MARIA
4     BURG, KORNEL
5     GICHUKI, SIMON T.
6     SCHMIDT, JOSEF
8 <120> TITLE OF INVENTION: METHOD FOR ANALYZING DNA OF SWEET POTATO
10 <130> FILE REFERENCE: SONN:043US
12 <140> CURRENT APPLICATION NUMBER: 10/714,820A
13 <141> CURRENT FILING DATE: 2003-11-17
15 <150> PRIOR APPLICATION NUMBER: PCT/EP02/05216
16 <151> PRIOR FILING DATE: 2002-05-13
18 <150> PRIOR APPLICATION NUMBER: A 777/2001
19 <151> PRIOR FILING DATE: 2001-05-16
21 <160> NUMBER OF SEQ ID NOS: 35
23 <170> SOFTWARE: PatentIn Ver. 2.1
25 <210> SEQ ID NO: 1
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27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
32     Primer
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36 ttgtatttat atttctcctg tgtaattgtg tacgactgat atacagaatt attcaatcct 120
37 aatcaatgtc atagcaacat agaactcaag aaagaaatga gcggagaggt aatgaggttt 180
38 tactcaggac tcattc                                     195
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 10
42 <212> TYPE: DNA
43 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
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47     Primer
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52 <210> SEQ ID NO: 3
53 <211> LENGTH: 18
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
59     Primer
61 <400> SEQUENCE: 3

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62 agactaagag tcctaaca                                18
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 19
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
71     Primer
73 <400> SEQUENCE: 4
74 agactaagag tcctaacag                                19
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 19
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
83     Primer
W--> 84 <400> SEQUENCE: 5
85 agactaagag tcctaacat                                19
87 <210> SEQ ID NO: 6
88 <211> LENGTH: 19
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
94     Primer
96 <400> SEQUENCE: 6
97 agactaagag tcctaacaa                                19
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 20
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
106     Primer
108 <400> SEQUENCE: 7
109 agactaagag tcctaacagc                                20
111 <210> SEQ ID NO: 8
112 <211> LENGTH: 20
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114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
118     Primer
120 <400> SEQUENCE: 8
121 agactaagag tcctaacaga                                20
123 <210> SEQ ID NO: 9
124 <211> LENGTH: 20
125 <212> TYPE: DNA

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126 <213> ORGANISM: Artificial Sequence  
128 <220> FEATURE:  
129 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
130 Primer  
132 <400> SEQUENCE: 9  
133 agactaagag tcctaacagg 20  
135 <210> SEQ ID NO: 10  
136 <211> LENGTH: 20  
137 <212> TYPE: DNA  
138 <213> ORGANISM: Artificial Sequence  
140 <220> FEATURE:  
141 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
142 Primer  
144 <400> SEQUENCE: 10  
145 agactaagag tcctaacata 20  
147 <210> SEQ ID NO: 11  
148 <211> LENGTH: 20  
149 <212> TYPE: DNA  
150 <213> ORGANISM: Artificial Sequence  
152 <220> FEATURE:  
153 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
154 Primer  
156 <400> SEQUENCE: 11  
157 agactaagag tcctaacatg 20  
159 <210> SEQ ID NO: 12  
160 <211> LENGTH: 20  
161 <212> TYPE: DNA  
162 <213> ORGANISM: Artificial Sequence  
164 <220> FEATURE:  
165 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
166 Primer  
168 <400> SEQUENCE: 12  
169 agactaagag tcctaacatc 20  
171 <210> SEQ ID NO: 13  
172 <211> LENGTH: 20  
173 <212> TYPE: DNA  
174 <213> ORGANISM: Artificial Sequence  
176 <220> FEATURE:  
177 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
178 Primer  
180 <400> SEQUENCE: 13  
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184 <211> LENGTH: 20  
185 <212> TYPE: DNA  
186 <213> ORGANISM: Artificial Sequence  
188 <220> FEATURE:  
189 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
190 Primer

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193 agactaagag tcctaacaag 20
195 <210> SEQ ID NO: 15
196 <211> LENGTH: 20
197 <212> TYPE: DNA
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200 <220> FEATURE:
201 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
202     Primer
204 <400> SEQUENCE: 15
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207 <210> SEQ ID NO: 16
208 <211> LENGTH: 17
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
214     Primer
216 <220> FEATURE:
217 <221> NAME/KEY: modified_base
218 <222> LOCATION: (3..6)
219 <223> OTHER INFORMATION: N = A, C, G, or T
222 <400> SEQUENCE: 16
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225 <210> SEQ ID NO: 17
226 <211> LENGTH: 17
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
232     Primer
234 <220> FEATURE:
235 <221> NAME/KEY: modified_base
236 <222> LOCATION: (3..15)
237 <223> OTHER INFORMATION: N = A, C, G, or T
240 <400> SEQUENCE: 17
W--> 241 gcngayatny tnacnaa 17
243 <210> SEQ ID NO: 18
244 <211> LENGTH: 17
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
250     Primer
252 <400> SEQUENCE: 18
253 gactgcgtac caattca 17
255 <210> SEQ ID NO: 19
256 <211> LENGTH: 17
257 <212> TYPE: DNA

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258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
262     Primer
264 <400> SEQUENCE: 19
265 ctcgtagact gggtagc                                     17
267 <210> SEQ ID NO: 20
268 <211> LENGTH: 15
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
274     Primer
276 <400> SEQUENCE: 20
277 aattggtacg cagtc                                       15
280 <210> SEQ ID NO: 21
281 <211> LENGTH: 19
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
287     Primer
289 <400> SEQUENCE: 21
290 gactgcgtac caattcaag                                   19
292 <210> SEQ ID NO: 22
293 <211> LENGTH: 19
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
299     Primer
301 <400> SEQUENCE: 22
302 gactgcgtac caattcact                                   19
304 <210> SEQ ID NO: 23
305 <211> LENGTH: 16
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
311     Primer
313 <400> SEQUENCE: 23
314 gacgatgagt cctgag                                     16
316 <210> SEQ ID NO: 24
317 <211> LENGTH: 14
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
323     Primer

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/714,820A

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Input Set : D:\SONN043.txt

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:16; N Pos. 3,6 ✓

Seq#:17; N Pos. 3,9,12,15 ✓

VERIFICATION SUMMARY

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Input Set : D:\SONN043.txt

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L:84 M:283 W: Missing Blank Line separator, <400> field identifier

L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0

L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0